

Converting Colors

Hex(4D085E)

Have a look what the booklet for
Hex(4D085E) contains.

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Color

Hex(4D085E)

Conversions

Conversions Part 1

Format	Color
Hex	4D085E
RGB	77, 8, 94
RGB Percent	30%, 3%, 37%
CMY	0.6980, 0.9686, 0.6314
CMYK	0.18, 0.91, 0.00, 0.63
HSL	288°, 84%, 20%
HSV	288°, 91%, 37%
XYZ	5.1678, 2.5596, 10.8114
YIQ	38.4350, 13.5180, 41.3740

Conversions

Conversions Part 2

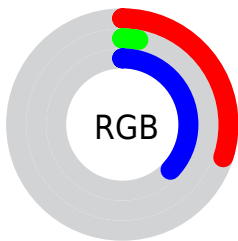
Format	Color
RYB	77, 8, 94
Decimal	5048414
CIELab	18.19, 42.07, -33.67
CIELCh	18, 53.882, 321.325
Yxy	2.5596, 0.2788, 0.1381
Android (android.graphics.Color)	4283238494 (0xFF4D085E)
YUV	38.4350, 27.3935, 33.8215
Hunter-Lab	15.9987, 29.6598, -28.8668

Details

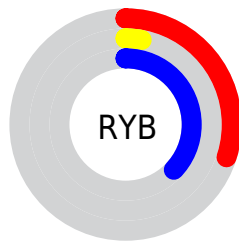
The Hex color **4D085E** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **195E08**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **813E91**, and **1F002F** is the 20% darker color. If you saturate the color by 10%, you get **4B005E**, and if you desaturate by 10%, it is **4F115E**.

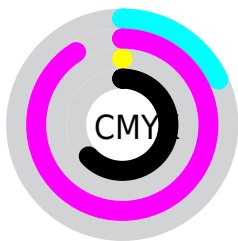
Distribution



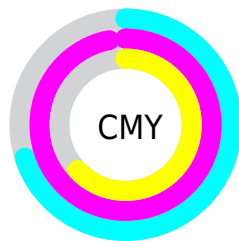
- Red (30%)
- Green (3%)
- Blue (37%)



- Red (30%)
- Yellow (3%)
- Blue (37%)



- Cyan (18%)
- Magenta (91%)
- Yellow (0%)
- Black (63%)



- Cyan (70%)
- Magenta (97%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D085E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4D085E by changing the saturation by 10% instead.

 4D085E

 4D085E

 FFFCFF

 340046

 813E91

 1F002F

 9C57AC

 000119

 B871C7

 000000

 D48BE4

 F1A7FF

 FFC2FF

 FFDFFF

 4D085E

 4D085E

■ 4B005E

■ 4F115E

■ 511B5E

■ 53245E

■ 542E5E

■ 56375E

■ 58405E

■ 5A4A5E

■ 5C535E

■ 5E5D5E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



002877



4D085E



680039

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4D085E



412700



003B48

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4D085E



195E08

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003A1F



4D085E



1D3300

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4D085E



5C0E00



003800



003A6A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4D085E



6C0020



003800



003B3B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4D085E



74597A



08195E



392A3D



BDBDBD



3D3D3D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4D085E



62007A



5E0844



2D292E



58006E



BE00ED

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5E0819



7A0018



085E22



2E292A



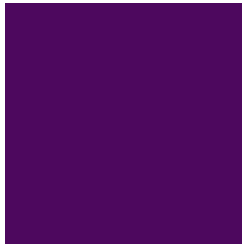
6E0016



ED002F

Previews

White Background



This preview shows how the Hex color 4D085E looks on a white background.

Color Contrast Check

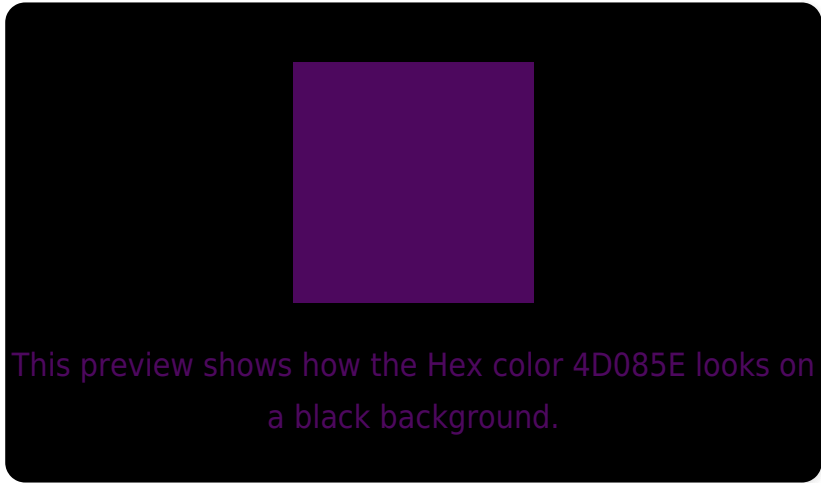
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

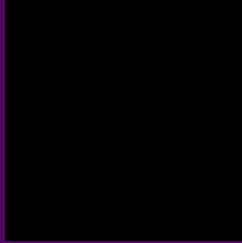
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4D085E Background



This preview shows how black text looks on a background with the Hex color 4D085E.



This preview shows how white text looks on a background with the Hex color 4D085E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
4D085E

Protanopia
002D60

Deuteranopia
003054



Tritanopia
452528

Trichromacy



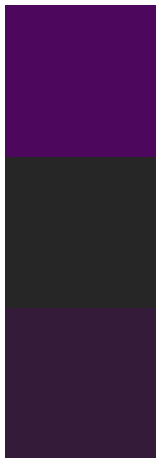
Original Color
4D085E

Protanomaly
1C205F

Deuteranomaly
1C2158

Tritanomaly
481A3C

Monochromacy



Original Color
4D085E

Achromatopsia
262626

Achromatomaly
341B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D085E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4D085E looks like.

```
.text, #text, p{  
    color:#4D085E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4D085E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D085E
}
```

Border

The CSS property to change the border of an element to Hex 4D085E is called "border". The border property can be set on classes, ids or directly on the HTML element.

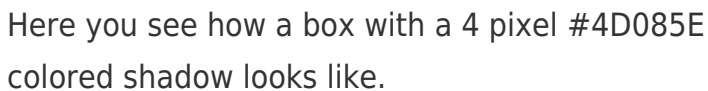
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D085E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4D085E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #4D085E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D085E; -webkit-box-shadow:4px 4px  
4px 4px #4D085E; box-shadow:4px 4px 4px  
4px #4D085E }
```

Background

The CSS property to change the background color of an element to Hex 4D085E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D085E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4D085E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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